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CATALOGUE

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

OF THE

OFFICERS AND STUDENTS

OF

TRINITY COLLEGE.

1879-80.

PRO ECCLESIA ET PATRIA.

HARTFORD, CONN.:
PRINTED FOR THE COLLEGE.
1879.

U. S.
BUREAU OF
MAR 27 1880
EDUCATION.

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Press of The Case, Lockwood & Brainard Company, Hartford, Conn.

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COLLEGE CALENDAR.

1879.

Sept. 11. *Thursday.* Christmas Term begins.
Nov. 1. *Saturday.* All Saints' Day.
" 17. *Monday.* English Literature Prize mination.
" 18. *Tuesday.* " " " "
" 27. *Thursday.* Thanksgiving-Day.
Dec. 6. *Saturday.* Freshman Algebra Prize Examination.
" 15. *Monday.* Christmas Examinations.
" 16. *Tuesday.* " "
" 17. *Wednesday.* " "
" 18. *Thursday.* " " Appointment of Toucey Scholars.
" 19. *Friday.* " " Christmas Vacation begins.

1880.

Jan. 10. *Saturday.* Trinity Term begins.
Feb. 11. *Wednesday.* Ash-Wednesday.
" 23. *Monday.* Holiday. Prize Version Appointments published. Oratorical Prize Contest.
March 2. *Tuesday.* Junior Standing published.
" 26. *Friday.* Good Friday.
April 23. *Friday.* Easter Recess begins.
May 3. *Monday.* Easter Recess ends. Chemical Prize Essays handed in.
" 4. *Tuesday.* Latin Prize Translations handed in.
" 5. *Wednesday.* Tuttle and Jackson Prize Essays handed in.
" 6. *Thursday.* Ascension-Day.
" 8. *Saturday.* Freshman Geometry Prize Examination.
" 11. *Tuesday.* Pascal-Fénelon Prize Examination.
" 20. *Thursday.* Prize Version Declamations.
" 23. *Sunday.* Trinity-Sunday.
June 9. *Wednesday.* Senior Examinations.
" 10. *Thursday.* " "
" 11. *Friday.* " "
" 12. *Saturday.* " "
" 14. *Monday.* " "
" 15. *Tuesday.* " "
" 17. *Thursday.* Annual Examinations. Senior Examinations for Honors. Senior Standing published.

June 18. *Friday.* Annual Examinations. Senior Examinations for Honors.
" 19. *Saturday.* Annual Examinations.
" 21. *Monday.* " "
" 22. *Tuesday.* " "
" 23. *Wednesday.* " "
" 24. *Thursday.* Class-Day. Award of Prizes.
" 25. *Friday.* Examinations for Honors.
" 26. *Saturday.* " "
" 27. *Sunday.* Baccalaureate Sermon.
" 28. *Monday.* Examinations for Admission.
" 29. *Tuesday.* " "
" 30. *Wednesday.* Annual Meetings of the Corporation and of the House of Convocation.
July 1. *Thursday.* Commencement-Day. Trinity Vacation begins.

Sept. 14. *Tuesday.* Examinations for Admission.
" 15. *Wednesday.* " "
" 16. *Thursday.* Christmas Term begins.

SENATUS ACADEMICUS.

VISITORS.

The Rt. Rev. The Chancellor.

The Rt. Rev. Horatio Potter, D.D., LL.D., D.C.L.

The Rt. Rev. Thomas March Clark, D.D., LL.D.

The Rt. Rev. Henry Adams Neely, D.D.

The Rt. Rev. William H. A. Bissell, D.D.

The Rt. Rev. William Woodruff Niles, D.D.

The Rt. Rev. John Barrett Kerfoot, D.D., LL.D.

The Rt. Rev. Benjamin Henry Paddock, D.D.

CORPORATION.

CHANCELLOR:

The Rt. Rev. John Williams, D.D., LL.D.,
ex officio President of the Board.

Charles E. Graves, M.A., *Secretary and Treasurer.*

FACULTY.

The Rev. THOMAS R. PYNCHON, D.D., LL.D., PRESIDENT;
and Hobart Professor of Moral Philosophy.
48 Vernon Street.

JOHN BROCKLESBY, LL.D.,
Seabury Professor of Natural Philosophy and Astronomy.
4 Vernon Street.

The Rev. EDWIN E. JOHNSON, M.A.,
Brownell Professor of Rhetoric and of the English Language and Literature.
3 Farmington Avenue.

The Rev. SAMUEL HART, M.A.,
Professor of Pure Mathematics.
22 Jarvis Hall.

GEORGE O. HOLBROOKE, M.A.,
Professor of the Latin Language and Literature.
15 Seabury Hall.

LEONARD WOODS RICHARDSON, M.A.,
Professor of the Modern Languages; and Secretary.
21 Jarvis Hall.

H. CARRINGTON BOLTON, PH.D.,
Scovill Professor of Chemistry and Natural Science.
107 Elm Street.

The Rev. ISBON T. BECKWITH, PH.D.,
Professor of the Greek Language and Literature.
14 Seabury Hall.

The Rt. Rev. JOHN WILLIAMS, D.D., LL.D.,

Lecturer on History.

Middletown.

The Rev. SAMUEL J. ANDREWS, M.A.,

Instructor in Intellectual Philosophy.

956 Asylum Avenue.

GEORGE C. SHATTUCK, M.A., M.D.,

Professor of the Institutes of Medicine.

Boston, Mass.

WILLIAM A. M. WAINWRIGHT, M.A., M.D.,

Professor of Anatomy and Physiology.

459 Main Street.

WILLIAM HAMERSLEY, M.A.,

Lecturer on Law.

107 Main Street.

DUNCAN L. STEWART, LL.D.,

Professor Emeritus of the Greek and Latin Languages and Literature.

The Rev. JOHN HUMPHREY BARBOUR, M.A.,

Assistant Librarian.

48 Farmington Avenue.

The stated meetings of the Faculty are held every Tuesday morning at eleven o'clock.

DIRECTORY.

The office of the PRESIDENT is at . . .	No. 13 Seabury Hall;
The office of the SECRETARY OF THE FACULTY,	No. 21 Jarvis Hall;
The office of the BURSAR, ...	No. 4 Vernon Street;
The office of the TREASURER OF THE COLLEGE,	No. 39 Pearl Street.

BOARD OF FELLOWS.

FELLOWS.

The Rev. James L. Scott, M.A.
The Hon. William E. Curtis, LL.D.
The Rev. Henry Olmstead, D.D.
The Rev. Sanford J. Horton, D.D.
The Rev. John Brainard, D.D.
W. A. M. Wainwright, M.A., M.D.

JUNIOR FELLOWS.

Luke A. Lockwood, M.A.
The Rev. William B. Buckingham, M.A.
William E. Peck, M.A.
The Rev. George McC. Fisk, M.A.
The Rev. Frank S. Harraden, M.A.
Robert F. Bixby, M.A.

OFFICERS OF CONVOCATION.

DEAN.

The Rev. Geo. Morgan Hills, D.D.

SUB-DEAN.

The Rev. James S. Purdy, D.D.

REGISTRAR.

The Rev. Louis French, M.A.

BURSAR.

Edward M. Scudder, B.A.

STANDING COMMITTEE.

John Brocklesby, LL.D.
The Rev. John J. McCook, M.A.
The Rev. Samuel Hart, M.A.

UNDERGRADUATES.

SENIORS.

NAME.	RESIDENCE.	ROOM.
Edward Dale Appleton,	*New York City.*	16 J. H.
Robert Barclay,	*St. Louis, Mo.*	30 J. H.
John Chester Barrows,	*Huntington, L. I.*	39 J. H.
Harry Campbell Black,	*Williamsport, Pa.*	39 J. H.
William Logan Crosby,	*La Crosse, Wis.*	34 J. H.
Francis Randolph Curtis,	*New York City.*	16 J. H.
David Law Fleming,	*Pittsburgh, Pa.*	40 J. H.
Bern Budd Gallaudet,	*New York City.*	29 J. H.
Thomas Morduit Nelson George,	*Marietta, Ga.*	32 J. H.
Orlando Holway,	*La Crosse, Wis.*	19 S. H.
George Kneeland,	*New York City.*	20 J. H.
Louis Albert Lanpher,	*Montville, Ct.*	45 Al. Pl.
William Ridgley Leaken,	*Baltimore, Md.*	30 J. H.
Henry Clarence Loveridge,	*Coldwater, Mich.*	14 J. H.
Hoffman Miller,	*New York City.*	9 J. H.

NAME.	RESIDENCE.	ROOM.
Richard Henry Nelson,	*New York City.*	4 J. H.
Arthur Eugene Pattison,	*Bethel, Ct.*	45 Al. Pl.
Theodore Mount Peck,	*Marbledale, Ct.*	31 J. H.
Frederick Grenville Russell,	*Hartford.*	28 Capitol Ave.
Morton Stone,	*Philadelphia, Pa.*	2 J. H.
Stewart Stone,	*Philadelphia, Pa.*	2 J. H.
Lorin Webster,	*West Springfield, N. H.*	———
Frank Langdon Wilcox,	*Berlin, Ct.*	3 J. H.
Frederick Peck Wilcox,	*New York City.*	3 J. H.
Coleman Gandy Williams,	*New York City.*	9 J. H.

STUDENT IN A SPECIAL COURSE.

Wellington James Rodgers,	*Hartford.*	42 Wooster St.

JUNIORS.

NAME.	RESIDENCE.	ROOM.
Harlow Clarke Curtiss,	*Buffalo, N. Y.*	10 J. H.
William Timothy Elmer,	*Marietta, Ga.*	44 J. H.
William Stanley Emery,	*Boston, Mass.*	43 J. H.
Charles Wright Freeland,	*Savannah, Ga.*	45 Al. Pl.
Alfred Poole Grint,	*Hudson City, N. J.*	33 J. H.
George Sumner Huntington,	*Stamford, Ct.*	19 J. H.
Charles Waring Jones,	*Pittsburgh, Pa.*	28 J. H.
Ernest August Kempe,	*Red Wing, Minn.*	27 J. H.
Alexander Taylor Mason,	*Boston, Mass.*	29 J. H.
Frank Ebenezer Miller,	*Hartford.*	26 Morgan St.
William Beebee Nelson,	*New York City.*	1 J. H.
Edward Pearson Newton,	*Brooklyn, N. Y.*	19 J. H.
James Russell Parsons, Jr.,	*Hoosac Falls, N. Y.*	11 J. H.
George Bradley Pattison,	*Hoosac Falls, N. Y.*	4 J. H.
George Endicott Perkins,	*New York City.*	8 J. H.
Louis Cope Washburn,	*Gilbertsville, N. Y.*	45 Al. Pl.
Richard Allyn White,	*New York City.*	37 J. H.

STUDENTS IN SPECIAL COURSES.

NAME.	RESIDENCE.	ROOM.
Charles Smith Cook,	*Yankton Agency, D. T.*	38 J. H.
Adolph William Reineman,	*Allegheny City, Pa.*	42 J. H.

SOPHOMORES.

NAME.	RESIDENCE.	ROOM.
Charles Adams Appleton,	*New York City.*	6 J. H.
Clarence Ernest Ball,	*Hartford.*	73 Edwards St.
Richard Vernam Barto,	*Rochester, N. Y.*	10 J. H.
Daniel Murray Bohlen,	*Philadelphia, Pa.*	12 J. H.
Seabury Doane Brewer,	*Utica, N. Y.*	41 J. H.
Augustus Phillips Burgwin,	*Pittsburgh, Pa.*	18 S. H.
Charles Edward Caldwell,	*Cincinnati, O.*	37 J. H.
Clarence Carpenter,	*Detroit, Mich.*	19 S. H.
Bernard Moore Carter,	*Baltimore, Md.*	23 J. H.
Charles Henry Carter,	*Baltimore, Md.*	23 J. H.
Frank Henry Church,	*Toledo, O.*	73 Washington St.
Charles Wheeler Coit,	*Concord, N. H.*	43 J. H.
Charles Silas Coleman,	*Utica, N. Y.*	17 S. H.
William Sloo Goodrich,	*Baton Rouge, La.*	41 J. H.
Charles Zebina Gould,	*Michigan City, Ind.*	17 S. H.
Frederick Clement Gowen,	*Philadelphia, Pa.*	18 J. H.
Fred Holbrook Greene,	*Franklin, Mass.*	34 J. H.
Charles Anderson Hamilton,	*Hartford, Ct.*	43 Al. Pl.

NAME.	RESIDENCE.	ROOM.
Ernest Flagg Henderson,	*New Brighton, N. Y.*	6 J. H.
Seaver Milton Holden,	*Bridgeport, Ct.*	40 J. H.
Charles Erling Hotchkiss,	*Gouverneur, N. Y.*	31 J. H.
George Dawson Howell,	*Uniontown, Pa.*	7 J. H.
Arthur Beach Linsley,	*Hartford.*	73 Edwards St.
Frederick Parker Marble,	*Newtown, Ct.*	———
John Henry McCrackan,	*Brooklyn, N. Y.*	18 S. H.
Nicholas Williams McIvor,	*Cheraw, S. C.*	32 J. H.
Silas Henry Parks,	*Gt. Barrington, Mass.*	18 J. H.
Robert Theodore Reineman,	*Allegheny City, Pa.*	42 J. H.
William Crawford Sheldon, Jr.,	*Brooklyn, N. Y.*	8 J. H.
Pelham Williams Shipman,	*New York City.*	1 J. H.
James Remsen Strong,	*Newtown, L. I.*	5 J. H.
William Dundas Walker,	*Brooklyn, N. Y.*	———
Samuel Newel Watson,	*Red Wing, Minn.*	13 J. H.
William Walter Webb,	*Philadelphia, Pa.*	15 J. H.
Edward Haynes Woodruff,	*Marysville, Cal.*	———
Andrew Murray Young,	*New York City.*	12 J. H.

STUDENT IN A SPECIAL COURSE.

William Bernard Waring,	*Brooklyn, N. Y.*	36 J. H.

FRESHMEN.

NAME.	RESIDENCE.	ROOM.
Clarence Ramo Austin,	*Ridgefield, Ct.*	45 Al. Pl.
Edward Stevens Beach,	*Worcester, Mass.*	45 Al. Pl.
J. Eldred Brown,	*Newport, R. I.*	17 S. H.
Richard Eugene Burton,	*Hartford.*	14 J. H.
John Ridgley Carter,	*Baltimore, Md.*	23 J. H.
Maurice Ludlum Cowl,	*New York City.*	13 J. H.
Edward Lawton Dockray,	*Newport, R. I.*	17 S. H.
Horatio Lee Golden,	*Kittanning, Pa.*	28 J. H.
John Williams Huntington,	*Hartford.*	7 J. H.
George Pratt Ingersoll,	*New Haven, Ct.*	17 J. H.
William Alfred Jackson,	*Norwalk, Ct.*	27 J. H.
Clarence Morgan Kurtz,	*Reading, Pa.*	35 J. H.
Hinsdill Parsons,	*Hoosac Falls, N. Y.*	11 J. H.
Frank Roosevelt,	*New York City.*	5 J. H.
John Frederick Sexton,	*Windsor Locks, Ct.*	45 Al. Pl.
William Seymour Short,	*Bethel, Ct.*	45 Al. Pl.
Hobart Warren Thompson,	*Troy, N. Y.*	15 J. H.
Samuel Breck Parkman Trowbridge,	*New Haven, Ct.*	17 J. H.

NAME.	RESIDENCE.	ROOM.
Francis Melville Wheeler,	*Norwalk, Ct.*	38 J. H.
Frank Dutton Woodruff,	*Hartford.*	855 Asylum Ave.
Arthur Henry Wright,	*Boston, Mass.*	33 J. H.

STUDENTS IN SPECIAL COURSES.

Thomas Bion Chapman,	*Thomaston, Ct.*	26 J. H.
Elisha Norwin Child, Jr.,	*Worcester, Mass.*	19 S. H.
Peter Francis Drum,	*Thomaston, Ct.*	26 J. H.

ABBREVIATIONS.

S. H., ...	Seabury Hall.
J. H., ...	Jarvis Hall.
Al. Pl., ...	Allen Place.

Students in Regular Course 99
" " Special Courses 7
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REQUIREMENTS FOR ADMISSION.

Candidates for admission to the Freshman Class are examined in the following books:

GREEK.

Grammar (Hadley or Goodwin).

Xenophon: Anabasis, five Books.

Homer: Iliad, two Books, with Prosody.

Prose Composition (Jones or White: the first half of the exercises).

History of Greece.

LATIN.

Grammar, including Prosody (Harkness).

Caesar: Commentaries, Books I.–VI. inclusive.

Virgil: Aeneid, Books I.–VI. inclusive; Georgics, Book I.; and the Eclogues.

Cicero: the Orations against Catiline, on the Manilian Law, for the Poet Archias, and for Marcellus.

Prose Composition (Arnold, Chapters I.–XII. inclusive).

Roman History (Worcester's Elements of History).

Ancient Geography.

MATHEMATICS.

Arithmetic, including the Metric System.

Algebra, through Radicals and Quadratic Equations.

Plane Geometry, Books I.–IV. inclusive (Loomis).

ENGLISH.

English Grammar, including Orthography.

Modern Geography.

Instead of the text-books mentioned above, any others, if fully equivalent, may be substituted at the time of examination. The examinations are chiefly in writing.

No candidate can be admitted to the Freshman Class before he has completed his fifteenth year.

Candidates for admission to any of the higher classes, whether from other Colleges or not, must sustain, besides the examination for admission to College, a further examination on the studies already pursued by the class which they propose to enter.

Candidates for admission as Students in Special Courses are examined on such parts of the above-mentioned requirements as belong to the departments in which they desire to be admitted.

All candidates for admission must bring testimonials of good moral character; and those who are from other Colleges must produce certificates of dismission in good standing. These testimonials and certificates should be presented at the time of the Examinations.

DATES OF EXAMINATIONS FOR ADMISSION.

The regular examinations for admission are held in Seabury Hall, on the Monday and Tuesday preceding Commencement-Day (in 1880, June 28th and 29th), beginning at 2 o'clock P.M. on Monday.

Examinations for admission are held, also, on the Tuesday and Wednesday before the beginning of Christmas Term (in 1880, September 14th and 15th), beginning at 2 o'clock P.M. on Tuesday.

Candidates are required to present themselves at the hour specified for the beginning of the Examinations. The order of the Examinations will be as follows:

June 28th and September 14th,
2 P.M., Latin;
6½ P.M., English.
June 29th and September 15th,
8½ A.M., Greek;
2 P.M., Mathematics.

Copies of papers used at the Examinations in 1879 are printed at the end of this Catalogue. The Secretary of the Faculty will furnish copies to those who apply for them.

COURSE OF INSTRUCTION

FOR THE DEGREE OF BACHELOR OF ARTS.

FRESHMAN CLASS.

CHRISTMAS TERM.

1. *Greek.* Homer's Odyssey: two Books. Greek Composition.
2. *Latin.* Cicero: De Senectute. Livy: Book I. Latin Etymology and Syntax. Latin Prose (Abbott).
3. *Mathematics.* Algebra from the end of Quadratics (Loomis or Wells).
4. *English.* Study of Words (Trench). Written Translations from Greek and Latin Authors, and Exercises in Composition.
5. *Natural History.* Animal Physiology; Zoology (Carpenter).

TRINITY TERM.

1. *Greek.* Homer's Odyssey: two Books. Herodotus. Greek Composition. Greek History.
2. *Latin.* Livy: Book V. Horace: Odes, Epodes, and Satires. Grammar. Latin Prose (Abbott). Roman Antiquities (Ramsay).
3. *Mathematics.* Geometry (Chauvenet). Plane Trigonometry (Richards), with Mensuration, Surveying, and Navigation (Loomis). Lectures on the History of Mathematics.
4. *English.* Synonymes. English Past and Present (Trench). Written Translations and Compositions.

SOPHOMORE CLASS.

CHRISTMAS TERM.

1. *Greek.* Aeschylus: one Play. Greek Composition. Greek History.
2. *Latin.* History of the Roman Republic (Liddell).
3. *Mathematics.* Spherical Trigonometry (Richards). Analytical Geometry (Eddy).
4. *English.* Grammar as bearing on Composition (Bain). Themes. Exercises in Composition and in Literary Analysis.
5. *French. First Division.* Grammar. Chardenal's Advanced Exercises. Les Prosateurs Français (Roche). Dictation.
   Second Division. Grammar. Les Prosateurs Français (Roche).

TRINITY TERM.

1. *Greek.* Sophocles: one Play. Euripides: one Play. Greek Composition.
2. *Latin.* Horace: Epistles and Ars Poetica. Suetonius. Exercises in writing Latin. Extemporaneous Themes. Lectures on the History of the Roman Empire.
3. *Mathematics and Natural Philosophy.* Conic Sections. Higher Analytical Geometry. Mechanics (Peck or Todhunter).
4. *English and Rhetoric.* Rhetoric (Whately). Themes. Exercises in Composition and in Literary Analysis.
5. *French. First Division.* Les Prosateurs Français (Roche). La Fontaine's Fables. Selections from the Lyric and Tragic Poets. Exercises in writing French. Lectures on French Literature.

   Second Division. Chardenal's Advanced Exercises. Les Prosateurs Français (Roche). Lyric Poetry (Mixer's Manual). Dictation. Lectures on French Literature.

JUNIOR CLASS.

CHRISTMAS TERM.

1. *Greek.* Plato.
2. *Latin.* Tacitus: Annals. Extemporalia. Translations from English Authors.
3. *Natural Philosophy.* Hydrostatics, Pneumatics, Acoustics, and Optics (Atkinson's Ganot). Experiments and Lectures.
4. *English.* Anglo-Saxon. English Literature and Language (Craik). Lectures on the Teutonic Languages. Themes.
5. *German. First Division.* Grammar. Dictation. Whitney's German Reader.

   Second Division. Grammar. Whitney's German Reader.
6. *History.* Lectures on the History of England.
7. *Oratory.* Original Orations, Extemporaneous Discussions, and Forensics.

TRINITY TERM.

1. *Greek.* Demosthenes.
2. *Latin.* Juvenal: Satires. Terence: Adelphi and Andria. Translations from English Authors. Lectures on the History of Roman Literature.
3. *Natural Philosophy and Astronomy.* Electricity and Magnetism (Atkinson's Ganot). Meteorology (Loomis), and Lectures. Astronomy (Newcomb and Holden), and Lectures.
4. *English.* English Literature and Language (Craik, Morley). English Philology. Anglo-Saxon. Readings in Early English. Lectures on American Literature. Themes, including Criticism.

5. *German. First Division.* Selections from Modern Prose Authors. Lyric Poetry. Exercises in writing German. Lectures on German Literature.

   Second Division. Whitney's German Reader. Lyric Poetry. Lectures on German Literature.
6. *History.* Lectures on the History of the United States.
7. *Oratory.* Original Orations, Extemporaneous Speaking, and Forensics.

SENIOR CLASS.

CHRISTMAS TERM.

1. *Metaphysics and Logic.* Bowen's Hamilton. Recitations and Lectures. Jevons's Logic.
2. *Political Science.* Political Economy (Bowen).
3. *Natural Science.* Vegetable Physiology and Botany (Carpenter). Chemical Physics: Heat, Light, and Electricity (Pynchon). Lectures and Experiments.
4. *English.* English History as illustrated by Shakespeare. Themes, including one Critique.
5. *History.* Lectures on Ancient History.
6. *Oratory.* Original Orations, Extemporaneous Speaking, and Forensics.

TRINITY TERM.

1. *Moral Philosophy.* Butler's Analogy and Ethical Sermons. Moral Philosophy.
2. *Political Science.* History of European Civilization and History of Representative Government (Guizot). Constitution of the United States.
3. *Natural Science.* Chemistry: Inorganic (Miller) and Organic (Lectures). Lectures on the History of Chemistry. Conferences in Mineralogy. Geology (Dana).
4. *English.* Critical study of Shakespeare. Themes, including Metrical Composition.
5. *History.* Lectures on the History of the Holy Roman Empire.
6. *Oratory.* Original Orations and Extemporaneous Speaking.

NOTE.—The classes are divided into sections in those studies in which it is found desirable to make this arrangement in order to secure thoroughness of instruction.

LECTURES.

The following courses of Lectures are delivered each year:

By Bishop Williams: to the Seniors, on Ancient History and the History of the Holy Roman Empire; to the Juniors, on the History of England and of the United States.

By Professor Brocklesby: to the Juniors, on Natural Philosophy, Meteorology, and Astronomy, and the History of Astronomy, and on Natural Theology.

By Professor Johnson: to the Juniors, on the History and Philology of the Teutonic Languages, and on American Literature.

By Professor Hart: to the Sophomores, on the Literature of the Scriptures, and on the Conic Sections and Higher Curves; to the Freshmen, on the History of Mathematics.

By Professor Holbrooke: to the Juniors, on the History of Latin Literature; to the Sophomores, on the History of the Roman Empire; to the Freshmen, on Roman Antiquities.

By Professor Richardson: to the Juniors, on the History of German Literature; to the Sophomores, on the History of French Literature.

By Professor Bolton: to the Seniors, on Chemistry, Mineralogy, and Geology, and on the History of Chemistry.

By Professor Beckwith: to the Juniors, Sophomores, and Freshmen, on Greek Literature.

By Mr. Andrews: to the Seniors, on Metaphysics, and on Modern Philosophy.

VOLUNTARY STUDIES.

In addition to the regular course of instruction, arrangements are made for the following courses of special study. The names of undergraduates pursuing voluntary studies in any term are publicly announced at the end of the term.

1. *Ethics and Metaphysics.*
   - SENIORS: Mansel's Philosophy of the Conditioned; Berkeley's Principles of Knowledge (Krauth); McCosh's Intuitions of the Mind.
2. *Chemistry and Natural Science.*
   - SENIORS: Natural History; Chemistry, Mineralogy, and Geology.
3. *Greek.*
   - SENIORS AND JUNIORS: Aristotle.
   - SOPHOMORES: Xenophon's Hellenica.
   - FRESHMEN: Homer.
4. *Latin.*
   - SENIORS: Quintilian; Patristic Latin.
   - JUNIORS AND SOPHOMORES: Plautus; Catullus.
   - FRESHMEN: Ovid; Caesar De Bello Civili.
5. *Mathematics and Natural Philosophy.*
   - SENIORS AND JUNIORS: Practical Astronomy (Loomis); Differential Calculus (Rice and Johnson); Differential and Integral Calculus (Smyth).
   - SOPHOMORES: Analytical Geometry (Howison).
   - FRESHMEN: Higher Algebra (Macnie); Geometrical Exercises (Chauvenet).
6. *English.*
   - SENIORS: Shakespearian Grammar (Abbott).
   - JUNIORS: English Literature (Taine).
   - SOPHOMORES: English Accidence (Morris).
   - FRESHMEN: English Language (Marsh).
7. *Modern Languages.*
   - SENIORS AND JUNIORS: Spanish: Don Quijote.
   - SENIORS AND JUNIORS: German: Selections from Modern Prose Writers; Goethe's Faust.
   - JUNIORS AND SOPHOMORES: French: Selections from Modern Prose Writers; Selections from the Dramatists.
8. *Oriental Languages.*
   - SENIORS AND JUNIORS: Elementary Hebrew Grammar (Green), and parts of the Pentateuch; Sanskrit Grammar, and reading lessons.
9. *History.*
   - JUNIORS: Mediæval and Modern History.

CHRISTMAS TERM, 1879.

SCHEME OF RECITATIONS.

SENIORS.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½	Greek Testament (Epistles).	Metaphysics.	Metaphysics.	Metaphysics.	Metaphysics.	Metaphysics.
10	Political Economy.	Political Economy.	English Literature.	Political Economy.	Polit. Economy or History.	
1	Natural Science.	Natural Science.	Natural Science.	Natural Science.	Natural Science.	

JUNIORS.

8½	Natural Theology.	English Literature.	Greek.	English Literature.	Greek.	German.
10	Natural Philosophy.	Natural Philosophy.	Natural Philosophy.	Natural Philosophy.	Nat. Philosophy or History.	
1	Latin.	German.	Latin.	German.	Latin.	

SOPHOMORES.

8½	History of Old Testament.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics.
10	French.	Latin.	French.	Latin.	French.	
1	Greek.	Greek.	Greek.	Greek.	English.	

FRESHMEN.

8½	Greek Testament (Gospels).	Latin.	Latin.	Latin.	Latin.	Latin.
10	Greek.	Greek.	Greek.	Greek.	English.	
1	Zoology.	Mathematics.	Zoology.	Mathematics.	Zoology.	

TRINITY TERM, 1880.

SCHEME OF RECITATIONS.

SENIORS.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½	Blunt's Coincidences.	Butler's Analogy.	Butler's Analogy.	Butler's Analogy.	Butler's Analogy.	Butler's Analogy.
10	Guizot's History.	Guizot's History.	English Literature.	Guizot's History.	Lectures on History.	
1	Chemistry.	Chemistry or Mineralogy.	Chemistry.	Chemistry or Mineralogy.	Chemistry or Geology.	

JUNIORS.

8½	Evidences of Christianity.	Latin.	Greek.	Latin.	Greek.	Latin.
10	German.	English Literature.	German.	English Literature.	German or History.	
1	Astronomy or Meteorology.	Astronomy or Meteorology.	Astronomy or Meteorology.	Astronomy or Meteorology.	Astronomy or Meteorology.	

SOPHOMORES.

8½	History of New Testament.	Greek.	Latin.	Greek.	Latin.	Greek.
10	Mathematics or Mechanics.	Latin.	Mathematics or Mechanics.	Latin.	Mathematics or Mechanics.	
1	French.	Rhetoric.	French.	Rhetoric.	French.	

FRESHMEN.

8½	Greek Testament (Acts).	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics.
10	Greek.	Greek.	Greek.	Greek.	English.	
1	Latin.	Latin.	Latin.	Latin.	Latin.	

RELIGIOUS SERVICES AND INSTRUCTION.

The hours of daily Prayers in the College Chapel are 8 o'clock A. M. and 6 o'clock P. M. The students are excused from attendance at Evening Prayers three times a week.

On Sunday, the Holy Communion is administered in the Chapel at 8¼ o'clock A. M. The students attend the Morning Service at such Church in the city as their parents or guardians designate. At 5 o'clock P. M., Evening Prayer is said in the Chapel.

The President, who is the Pastor of the College, discharges the duties of Chaplain, in which he is assisted by the other clerical members of the Faculty.

On Monday, the first recitation is devoted to religious studies. These comprise, during the College course, the following subjects: History of the Holy Scriptures; critical readings of the New Testament in Greek; Natural Theology; the Evidences of Christianity; the Articles of the Christian Faith as contained in the Apostles' Creed; and the Book of Common Prayer.

TERMS AND VACATIONS.

The academic year comprises two terms—Christmas and Trinity. Christmas term begins in September, eleven weeks after Commencement, and extends to the Friday before Christmas. It is followed by the Christmas vacation of three weeks.

Trinity term begins in January, at the end of the Christmas vacation, and extends to Commencement, which is the Thursday before the Fourth of July. In this term there is also an Easter recess of ten days, ending on the first Monday of May. Commencement-Day in 1880 falls on the first day of July.

Trinity vacation continues eleven weeks from Commencement.

MATRICULATION.

All students are required to matriculate on their admission to the College.

Matriculation consists in signing, in the presence of the President, Faculty, and others, the following promise:

"I promise to observe the Statutes of Trinity College; to obey

all the rules and regulations of the Faculty; to discharge faithfully all scholastic duties imposed upon me; and to maintain and defend all the rights, privileges, and immunities of the College, according to my station and degree in the same."

EXAMINATIONS FOR DEGREES AND FOR HONORS.

There are two Examinations each year. The Christmas Examinations, which are held at the end of Christmas Term, are upon the studies of that term. The Annual Examinations, which are held at the end of Trinity Term, are upon the studies of the whole year. These Examinations are partly oral and partly written.

The final Examinations of the Seniors for degrees begin June 9, 1880, and the Junior, Sophomore, and Freshman Examinations begin June 17th.

Examinations for Honors follow the Annual Examinations. Admission to these can only be obtained by securing a high average mark at the daily recitations, and by passing the Annual Examinations with great credit.

If a student succeeds in passing any Examination for Honors, his name is publicly announced as having passed *cum honore*. At the end of the College course, if a student has passed all the Examnations for Honors in one or more departments, it is publicly stated in conferring his degree, that he is graduated *cum honore;* and the names of the graduating class are printed in the next annual catalogue in the following manner: first, the names of those students who have been graduated *cum honore*, with a statement of the departments in which they have obtained honor; then the names of the others in alphabetical order. A student who passes all the Examinations *cum honore* in each department, is graduated with the title of Optimus.

CONDITIONS.

No student is admitted to Examination in any department, unless his average mark for the term in that department is at least five on a scale of ten.

When a student is excluded from Examination, or fails to pass

any Examination in whole or in part, he is conditioned, and such deficiency must be made up during vacation; and the student is required to report himself on the day before the opening day of the following term, prepared to pass a special examination.

No student is advanced to the studies of any year until he has passed the Annual Examinations of the preceding year.

STUDENTS IN SPECIAL COURSES;

AND THE DEGREE OF BACHELOR OF SCIENCE.

The Statutes provide that students who do not propose to attend the whole course of instruction may be permitted, under the name of Students in Special Courses, to recite with the regular classes in such studies, always including Latin, as, upon examination, they shall be found qualified to pursue. They are examined for admission to the College on such parts of the regular requirements as belong to the departments in which they propose to enter (see page 19); are subject to the same rules and enjoy the same privileges as the regular students; and, on leaving with an honorable dismission, are entitled to a certificate from the President, stating the time they have been members of the College, and the studies pursued during that time; or, provided they complete the course prescribed for that purpose, they may receive the degree of Bachelor of Science.

The degree of Bachelor of Science will be conferred upon those students who complete the regular course of study in all the departments except the Greek, and also sustain a special examination in one of the following courses, viz.: Differential and Integral Calculus and Zoology; Chemistry and Natural History; Astronomy, Mineralogy, and Geology.

Any student completing the course prescribed for the degree of Bachelor of Arts may receive the further degree of Bachelor of Science upon passing an examination in one of the courses above mentioned, together with a special examination in such parts of the regular course as are connected with it. Notice of intention to apply for this degree must be given in writing to the Secretary of the Faculty at the beginning of Senior Year.

STANDING AND APPOINTMENTS.

The standing of a student is reckoned from the beginning of the Freshman year, and is determined by his diligence in study, his punctuality in attendance, and his general good conduct.

At the close of each term, a report of the scholarship, attendance, and conduct of each student is transmitted to his parent or guardian.

The aggregate standing attained by each member of a class is published at the beginning of the second term in Junior year and at the end of Senior year. When a student has entered College after the beginning of Freshman year and before the beginning of the second term in Sophomore year, his standing for the term or terms during which he was absent is considered to have the same proportion to the maximum as that which he gains while in residence up to the time of the first publication of his aggregate standing, and, having been once published, is not recomputed. The standing of a student entering later in the course is computed in the same manner, with a deduction of five per cent.

All the students in a class, the aggregate of whose marks for the entire course is to the maximum attainable in the ratio of at least $7\frac{3}{4}$ to 10, receive appointments for Commencement; and their names are printed as receiving such appointments on the Commencement programme.

The first seven appointments to speak at Commencement are given according to the aggregate of marks in the entire College course. The Faculty may appoint three other speakers for Commencement; but no student can receive a special appointment unless his standing in Mental Philosophy, in Butler's Analogy, and in the Theme Writing of the course is at least $7\frac{3}{4}$ on a scale of 10, and unless the mark of his Graduating Oration is at least 9 on a scale of 10.

No appointment is ordinarily assigned to any student who has entered College at or after the beginning of Senior year.

LIBRARY.

The Library is open on Tuesday and Thursday afternoons and Saturday mornings, and the students are allowed free access to the shelves.

It contains about 18,500 volumes, exclusive of duplicates, pamphlets, and unbound periodicals, and is increasing from the income of the Bishop Burgess, Elton, Sheffield, Peters, and Athenæum Funds, amounting in all to $26,000. The Alumni Library Fund now amounts to about $4,000, making the aggregate of the Library Funds $30,000.

Donations to these funds, and gifts of books, pamphlets, engravings, and portraits, are earnestly solicited from the Alumni and from other friends.

The Watkinson Library, a valuable collection of books for reference, containing about 30,000 volumes, is also accessible to the students.

Students can be provided to some extent with text-books, by means of a lending library established for that purpose, which is under the charge of the Professor of Latin.

CABINET.

The Cabinet possesses valuable collections of Minerals, Shells, and Fossils. It has been recently enriched through the generosity of friends of the College by important additions in Natural History, Geology, and Mineralogy. These comprise a set of Ward's casts of celebrated fossils, including the Megatherium, the Colossochelys, the Plesiosaurus, etc., a series of mounted skeletons of modern animals, a series of actual fossils, and a stratigraphical and lithological collection of rocks.

In order to make the Cabinet as complete as possible, a continuance of the valuable donations, by which in former years the collection has been increased, is strongly urged, and the Alumni are asked to give their active coöperation in carrying out this design.

The Gymnasium provides all the students with opportunities for physical exercise.

EXPENSES.

COLLEGE FEES.

Tuition: Christmas Term, $40; Trinity Term, $50, -	$90
Room-Rent, average for one Student within the Campus,	75
" " " " outside the Campus,	25
Incidentals, including Library charges, Printing, etc., -	30
Average of College Bill, including Tuition, from	$145 to $195
Average of College Bill, not including Tuition, from	55 to 105

There is an additional charge for heat and light.

For the convenience of students, the College has provided a dining-hall, where board can be obtained at cost; the price at present is $4.50 per week.

The College Bills are due at the beginning of each term, and must be settled at the Treasurer's Office, No. 39 Pearl Street, immediately on the arrival of the student; if not so paid, an additional charge of five per cent. is made for each term's delay. All checks and drafts should be made payable to the order of C. E. Graves, Treasurer.

By a recent vote of the Trustees, the Treasurer, with the approval of the President, is authorized to exclude from recitations students neglecting to pay their College bills when due.

Tuition is in some cases remitted. In order to secure this remission, written application, stating the reasons for asking it, should be made by the parent or guardian, at or before the beginning of the term in which the student intends to enter.

A large increase in the number of Scholarships, the income of which may be applied to the remission of Tuition, is very much needed, and is urgently solicited from the friends of the College.

Students admitted to advanced classes, except those from other Colleges, are required to pay $12 for each term of their advancement. This charge is sometimes remitted.

The Statutes require all students to reside in the College buildings, unless they have special permission from the President to room elsewhere.

No student can receive his degree or an honorable dismission until the Treasurer certifies that all his College bills are paid, and that, so far as the Treasurer knows, there are no lawful claims upon him for board or washing which he has failed to satisfy.

PRIZES.

TUTTLE PRIZE.

The Tuttle Prize of thirty dollars was founded by Miles A. Tuttle, Esq., of Hartford. It will be awarded to that member of the Class of 1880 who shall write the best essay on "*The Doctrine of Evolution, as tested by the Principles of the Inductive Philosophy.*" There must be at least three competitors, and the essays must be submitted to the President on or before the 5th of May, 1880.

TUTTLE PRIZE ESSAYISTS.

1860. "The Benefits Resulting from a Collegiate Education." Augustus Jackson.
1861. "The Nature of Light." Albin Barlow Jennings.
1862. "The Writings of Washington Irving." [Not awarded.]
1863. "The Safeguards of College Life." William Thomas Currie.
1864. "The College Law of Honor." [Not awarded.]
1865. "The Providential Law of Scientific Discovery and Invention." John Henry Brocklesby.
1866. "Physical Science, a Power in the Moral Advancement of Mankind." Henry Emerson Hovey.
1867. "The Development of the Mechanical Arts in the Roman Republic." [Not awarded.]
1868. "The Systems of Protection and Free Trade—which is best adapted to Promote the Prosperity of the United States?" Edward Renwick Brevoort.
1869. "The Causes of the French Revolution." Joseph Blount Cheshire, Jr.
1870. "The Antiquity of Man." Brady Electus Backus.
1871. "The Influence of War upon Civilization." Chauncey Camp Williams.
1872. "The Nature and Origin of Life." Robert Clayton Hindley.
1873. "The Equitable Adjustment of the Claims of Labor and Capital." Ralph Hart Bowles, Jr.
1874. "Number and Quantity, as Functions of Physical Law." Thomas James Drumm.
1875. "The Norman Element in English Civilization." Edward William Worthington.
1876. "The Prevalence of Periodicity in the Material World." [Not awarded.]
1877. "The Roman Empire as Foreshadowed in Prophecy." John Henry King Burgwin.
1878. "The Philosophy of Waste in Nature." [Not awarded.]
1879. "The Causes and the Results of the Crimean War." [Not awarded.]

CHEMICAL PRIZE.

A Prize of thirty dollars will be awarded to that member of the Senior Class who shall write the best essay on "*The Atomic Constitution of Matter*"; and a second prize of twenty dollars will

be awarded to that member of the class who shall write the second best essay on the same subject. The essays must be submitted to the Professor of Chemistry on or before the 3d of May, 1880.

CHEMICAL PRIZE ESSAYISTS.

1858. "Water." David Maitland Armstrong.
1859. "Carbonic Acid." Samuel Broom Warren.
1860. "The Atmosphere." Charles Henry Wright Stocking.
1861. "The Relations of Water to Heat." Augustus Morse, Jr.
1862. "Phlogiston." Robert Walker Linen.
1863. "Fire-Damp." John James McCook.
1864. "Chlorine and its Compounds." Robert Agnew Benton.
1865. "The Relations of Plants to the Atmosphere." Samuel Stevens.
1866. "Hydrogen." Charles Henry Belknap Tremaine.
1867. "Phosphorus." George Gideon Nichols.
1868. "Oxygen." Frank Kennedy.
1869. "The Voltaic Pile." George Otis Holbrooke.
1870. "Artificial Light." Percy Shelley Bryant.
1871. "The Metric System." George William Douglas.
1872. "The Electro-Magnetic Telegraph." George Henry Seyms.
1873. "Spectrum Analysis." William Howard Bulkley.
1874. "Photography." Edward Nicoll Dickerson, Jr.
Second Prize: George McIlvaine DuBois.
1875. "The Steam Engine." Washington Bryan.
Second Prize: George William Lincoln.
1876. "Iron." Edward Nevins Burke.
Second Prize: William Wharton Gillette.
1877. "Potassium and its Compounds." Stephen Germain Hewitt.
Second Prize: Edward Mansfield Scudder.
1878. "Combustion." Horace Brown Scott.
Second Prize: George Sumner Chipman.
1879. "Sulphur." Sydney George Fisher.
Second Prize: Alfred Harding.

PRIZE VERSION DECLAMATIONS.

A Prize will be awarded on the following conditions:

There must be six competitors; two from the Senior, two from the Junior, and two from the Sophomore Class. The two members of each class whose rank is highest in the studies of the preceding year in the department of English and Rhetoric will be appointed the competitors. Passages from Greek or Latin authors, distributed by lot, and then translated into English and submitted to the Professor of Greek or Latin and the Professor of English, will be pronounced in public on the 20th of May, 1880, in the presence of a committee of award on the delivery. The merits of the version as a translation and as an English composition, together

with the merits of the delivery as a declamation, will have equal weight in determining the award of the Prize.

The Prize-man of the year, if he be still a member of the College, will consider himself under obligation to pronounce an original version at the Prize Declamations of the following year, without being a candidate for the Prize.

PRIZE-MEN.

1863. Joseph Field Ely.
1865. James Brainard Goodrich.
1866. Frank Louis Norton.
1867. Howard Cooke Vibbert.
1868. George Lewis Cooke, Jr.
1869. George William Douglas.
1870. Arthur Dyer.
1871. Paul Ziegler.
1872. Alexander Mackay-Smith.
1873. Oliver Henry Raftery.
1874. James Davis Smyth.
1875. George Milton Hubbard.
1876. George Sumner Chipman.
1877. Charles Carroll Edmunds, Jr.
1877. Edward Mansfield Scudder.
1878. John Dows Hills.
1879. Alfred Harding.

JACKSON PHILOSOPHICAL PRIZE.

A Philosophical Prize of seventy dollars was established in 1875 in commemoration of the late President Jackson, and in accordance with his wishes. It is offered to that member of the Class of 1880 who shall write the best essay on "*The Nature, Use, and Functions of the Imagination.*" The essays must be submitted to the President on or before the 5th of May, 1880. No award will be made except for distinguished excellence.

PHILOSOPHICAL PRIZE ESSAYISTS.

1876. Isaac Hiester.
1876. Edward K. Tullidge (*Second Prize*).
1877. William Gwinn Mather.
1878. William Viall Chapin.
1879. Melville Knox Bailey.

ENGLISH LITERATURE PRIZE.

A Prize of sixty-five dollars is offered to the Senior Class for the best examination in English Literature from the earliest times to the present day with special reference, for the Class of 1880, to the *Poetry of the Elizabethan Era.* There must be at least five competitors. The examination, which will be held on the 17th and 18th of November, 1879, will be in writing, and the questions proposed will not be confined to any text-book. The Professor of English and Rhetoric, the Professor of Latin, and a

third person, not a member of the Faculty, to be selected by them, will be a committee to hold the examination and award the prize.

The special subjects of examination for the following classes will be :

For the Class of 1881, *The Prose of the Reign of Queen Anne.*
For the Class of 1882, *The Poetry of the Nineteenth Century.*
For the Class of 1883, *The Theological Writings of the Seventeenth Century.*
For the Class of 1884, *The Poetry of the Eighteenth Century.*

PRIZE-MEN.

1877. George Sumner Chipman. 1878. [Not awarded.]

LATIN PRIZE.

A Prize of twenty-five dollars will be awarded to that member of the Junior Class who shall write the best Latin version of Bulwer's *Last Days of Pompeii*, Book II., chapter 3. There must be three competitors. The translations are to be submitted to the Professor of Latin on or before the 4th of May, 1880.

PASCAL–FÉNELON PRIZE.

This Prize, established in 1876 in memory of the late President of the College, is of the value of twenty dollars, in books. It will be awarded to that member of the Class of 1882 who shall sustain the best examination in Pascal's *Pensées.* The examination will be held on the 11th of May, 1880.

PRIZE-MEN.

1877. Lorin Webster. 1879. George Sumner Huntington.
1878. Bern Budd Gallaudet.

MATHEMATICAL PRIZES.

A Prize of twenty dollars will be awarded to that member of the Freshman Class who shall sustain the best examination in the solution of Algebraic Problems. The examination will be held on the 6th of December, 1879.

A PRIZE OF TWENTY DOLLARS will be awarded to that member of the same class who shall sustain the best examination in Chauvenet's *Modern Geometry*. The examination will be held on the 8th of May, 1880.

ORATORICAL PRIZES.

The STUDENTS offer two Medals as prizes for excellence in writing and pronouncing English Orations. Two members of each of the three upper classes, selected after competition, will deliver their orations in public on the 23d of February, 1880, in the presence of a committee of award. A gold medal will be awarded as the first prize, and a silver medal as the second prize.

PRIZE-MEN.

Gold Medal.	*Silver Medal.*
1869–70, Arthur Dyer.	Paul Ziegler.
1870–71, Chauncey Camp Williams.	Alexander Mackay-Smith.
1871–72, Henry Evan Cotton.	James Diggles Hurd.
1873–74, William Jackson Roberts.	Joseph Buffington.
1874–75, Charles Davies Scudder.	John Huske.
1875–76, Beverley Ellison Warner.	James Dowdell Stanley.
1876–77, William Viall Chapin.	Edward Mansfield Scudder.
1877–78, David Law Fleming.	Robert Lefavour Winkley.
1878–79, David Buchanan Willson.	Melville Knox Bailey.

OPTIMES.

In the Class of 1866, . SAMUEL HART.
In the Class of 1869, . GEORGE OTIS HOLBROOKE.
In the Class of 1871, . LUCIUS WATERMAN.
In the Class of 1873, . LEONARD WOODS RICHARDSON.

HONOR-MEN FOR THE YEAR 1878-79.

Honors in the Class of 1879.

Valedictory, ... Alfred Harding.
Salutatory, ... James Stratton Carpenter.

Tuttle Prize Essay: "*The Causes and the Results of the Crimean War.*"
[Not awarded.]
Chemical Prize Essay: "*Sulphur.*"
Sydney George Fisher.
Second Prize, Alfred Harding.
Prize Version Declamation, Alfred Harding.
Jackson Philosophical Prize, Melville Knox Bailey.
English Literature Prize, [Not awarded.]
Latin Prize, Bern Budd Gallaudet.
Pascal-Fénelon Prize, George Sumner Huntington.
Greek Prize, Richard Allyn White.
Mathematical Prizes:
Algebra Prize, Arthur Beach Linsley.
Geometry Prize, William Walter Webb.

Oratorical Prizes:
Gold Medal, David Buchanan Wilson.
Silver Medal, Melville Knox Bailey.

HONORS IN THE EXAMINATIONS.

SENIORS.

In Ethics and Metaphysics, Chemistry and Natural Science, and English;
James Stratton Carpenter.

In Ethics and Metaphysics, Natural Science, and English;
Alfred Harding.

In Ethics and Metaphysics, and English;
Sydney George Fisher.

In Ethics and Metaphysics;
Melville Knox Bailey.

In English;
Robert Lefavour Winkley.

JUNIORS.

In Natural Philosophy and Astronomy, Greek, Latin, and English;
Orlando Holway.

In Natural Philosophy and Astronomy, Greek, and English;
Lawson Brewer Bidwell.

In Natural Philosophy and Astronomy;
Thomas Morduit Nelson George.

In Greek;
Harry Campbell Black.

In English;
Francis Randolph Curtis, Theodore Mount Peck.

SOPHOMORES.

In Mathematics and Natural Philosophy;
Richard Allyn White.

In English;
Harlow Clarke Curtiss, Charles Waring Jones,
Edward Pearson Newton.

FRESHMEN.

In Mathematics, Greek, Latin, and English ;

Seaver Milton Holden.

In Greek, Latin, and English ;

Robert Theodore Reineman.

In Greek and English ;

Charles Silas Coleman, John Henry McCrackan.

In Latin and English ;

William Dundas Walker.

In Greek ;

Charles Anderson Hamilton.

In English ;

Augustus Phillips Burgwin, Charles Edward Caldwell,
Frederick Clement Gowen,
Charles Erling Hotchkiss, William Walter Webb.

DEGREES CONFERRED IN 1879.

The following Degrees, having been voted at the annual meeting of the Corporation, held on the 25th day of June, 1879, were duly conferred at the public Commencement on the following day.

BACHELOR OF ARTS, CUM HONORE.

In Ethics and Metaphysics, Greek, and English.

Alfred Harding.

In Ethics and Metaphysics, and Chemistry and Natural Science.

James Stratton Carpenter.

In Ethics and Metaphysics.

Sydney George Fisher.
Melville Knox Bailey.

BACHELOR OF ARTS, IN COURSE.

Orr Buffington.
William Nicholson Elbert.
William Freeman French.
Henry Stuart Martindale.
William Edward Potwine.
Frank Nathan Shelton.
Benjamin Stark, Jr.
Frederick Wyndham White.
David Buchanan Willson.
Robert Lefavour Winkley.

MASTER OF ARTS, IN COURSE.

Edward Nevins Burke.
Isaac Hiester.
The Rev. Charles Hayden Proctor.

MASTER OF ARTS, AD EUNDEM.

The Rev. Henry Townsend Scudder, Columbia College.

MASTER OF ARTS, HONORIS CAUSA.

The Rev. DENSMORE DAVID CHAPIN, New York City.
WILLIAM MOSER RUMBAUGH, Professor in Norwich University, Northfield, Vt.

DOCTOR IN DIVINITY.

The Rev. FREDERICK SCHILLER MAY, M.A., Gonville and Caius College, Cambridge; a Secretary of the Anglo-Continental Society, London, England.

DOCTOR OF LAWS.

JOHN S. WHITE, Harvard College; Head-Master of Brooks Academy, Cleveland, O.

SCHOLARSHIPS.

The following Scholarships were founded "for the benefit of young men in indigent circumstances, communicants of the Protestant Episcopal Church."

Scovill Scholarship, founded by William H. Scovill, Esq., of Waterbury.

Scovill Scholarship, founded by J. M. L. Scovill, Esq., of Waterbury.

Elton Scholarship, founded by John P. Elton, Esq., of Waterbury.

St. John's, Waterbury, Scholarship, founded by Parishioners of St. John's Church, Waterbury.

Trinity Church, New Haven, Scholarship, founded by Parishioners of Trinity Church, New Haven.

St. Paul's, New Haven, Scholarship, founded by Parishioners of St. Paul's Church, New Haven.

Lake Scholarship, founded by Benjamin T. Lake, Esq., of Bethlem.

Hallam Scholarship, founded by the Rev. Robert A. Hallam, D.D., of New London.

St. James's, New London, Scholarship, founded by Parishioners of St. James's Church, New London.

Shelton and Sanford Scholarship, founded by the Shelton and Sanford families, of Derby.

Morgan Scholarship, founded by the Rev. John Morgan, of Stratford.

Fowler Scholarship, founded by the Fowler family, of Northfield.

Cornell Scholarship, founded by Samuel G. Cornell, Esq., of Greenwich.

St. Paul's, Norwalk, Scholarship, founded by Parishioners of St. Paul's Church, Norwalk.

Trinity Church, Portland, Scholarship, founded by Parishioners of Trinity Church, Portland.

Sherman Scholarship, founded by the Sherman family, of Brookfield.

Burr Scholarship, founded by Mrs. Sarah Burr, of Hartford.

St. John's Church, Hartford, Scholarship, founded by Parishioners of St. John's Church, Hartford.

Five other Scholarships were endowed in the same manner by sundry subscriptions, and the nomination to these is vested in the Corporation.

TOUCEY SCHOLARSHIPS.

These are four in number, founded in 1868 by the Hon. Isaac Toucey, LL.D. They yield $300 each *per annum*, and are assigned, after a competitive examination, to students who are studying with a view to the Holy Ministry. The founder, by making the College the trustee of another fund, has enabled it to appoint the holders of these Scholarships to Scholarships of equal value in the Berkeley Divinity School.

SCHOLARSHIPS OF THE CHURCH SCHOLARSHIP SOCIETY.

The Church Scholarship Society of the Diocese of Connecticut aids a few students with loans, not exceeding $100 *per annum*, which are granted only to persons in necessitous circumstances, preparing for Holy Orders, and sustaining a correct deportment as communicants. Applicants must be furnished with a testimonial of such qualifications, signed by a clergyman to whom they are personally known. The President of the College is President of the Executive Board of the Church Scholarship Society.

SCHOLARSHIPS OF THE SOCIETY FOR THE INCREASE OF THE MINISTRY.

This Society holds the Mark Warner fund, amounting to about $10,000, the income of which, under the conditions of the gift, is to be applied to young men, scholars of the Society, studying at Trinity College or the Berkeley Divinity School. The Society is also able to grant other scholarships, ranging in value from $100 to $300 *per annum*.

SCHOLARSHIP OF CHRIST CHURCH, HARTFORD.

This was founded in 1839 by J. Smyth Rogers, M.D., Professor of Chemistry. In 1845, in consideration of the subscription from the Parish for the erection of Brownell Hall, the endowment was increased. The right of nomination is vested in the Rector of Christ Church.

SCHOLARSHIP OF ST. PAUL'S CHURCH, TROY, N. Y.

This was founded in 1830 by members of the Parish whose name it bears. It is "for the benefit of pious and indigent young men studying with a view to the Ministry in the Protestant Episcopal Church." The right of nomination is in the Rector, Wardens, and Vestry of St. Paul's Church, Troy.

HEARTT SCHOLARSHIP.

This was founded in 1830 and endowed by Philip Heartt, Esq., of Troy. It has the same object with the preceding Scholarship. The right of nomination was vested in Mr. Heartt during his lifetime; and afterward in the Bishop of the Protestant Episcopal Church in the Diocese of Connecticut; and during any vacancy in the Episcopate, devolves on the presiding officer of the College.

SCHOLARSHIPS OF THE SOCIETY FOR PROMOTING RELIGION AND LEARNING IN NEW YORK.

These are eight in number, and were founded in 1843, under an arrangement with the Society. They entitle the students by whom they

are held to free tuition. The right of nomination is in the Society ; and, in return, the College has the right to nominate, after free competition, to three scholarships in the General Theological Seminary of the Protestant Episcopal Church, entitling the holders to two hundred dollars a year and freedom from all Seminary charges.

SCHOLARSHIPS OF TRINITY CHURCH, NEW YORK.

These are five in number, and were founded in 1843, in consideration of the sum of $5,000, granted by the vestry of Trinity Church, New York, toward the endowment of the Hobart Professorship. The students by whom they are held are exempt from all charges for "tuition, room-rent, fuel for recitation-rooms, or other general objects." The right of nomination is in the Rector, Wardens, and Vestry of Trinity Church, or their assigns, or any person by them authorized.

THOMAS BACKUS SCHOLARSHIP.

This was founded in 1837 by the Rev. Stephen Jewett, M.A., to be held "by some beneficiary designing to enter the Ministry of the Protestant Episcopal Church," and is of the value of one hundred dollars annually, for which the beneficiary is to give his obligation, payable with interest four years after he leaves the College. This scholarship yields no available income at present.

WILLIAM ALLEN MATHER SCHOLARSHIP.

This was founded in 1864, and endowed by Mrs. Jane C. Mather, of Hartford. The student by whom it is held is exempt from all charges for "tuition, room-rent, fuel for recitation-rooms, or other general objects." The right of nomination to the Scholarship is in the hands of the founder.

KIRBY SCHOLARSHIP.

This was founded in 1872, and endowed by a legacy of Miss Harriet Kirby, of Hartford. It yields $300 *per annum*, which is to be appropriated to undergraduates studying with a view to Holy Orders. The right of nomination is vested in the Rector of St. John's Church, Hartford; or, in case he fails to nominate, in the Corporation of the College.

BURHANS SCHOLARSHIP.

This Scholarship was founded by a bequest of the Rev. Daniel Burhans, D.D. The sum of $500 which he left to the College having accumulated by the addition of interest to $1,000, the interest on this last amount is now available in accordance with the terms of the legacy. The scholarship is to be held by "such candidate for Orders as shall be nominated from time to time by the Rector and Wardens of Christ Church, Hartford."

NOTE.—*No student, incurring a serious College censure in the course of the year, will be recommended for the continuance of any scholarship.*

EXAMINATIONS FOR ADMISSION.

1879.

GREEK.

I. Etymology.

1. Explain Crasis and Metathesis.
2. What is meant by the term "proparoxytone" in accent?
3. Decline κριτής, σῦκον, γύψ, and ἰχθύς.
4. Decline the interrogative pronoun.
5. Decline the aorist passive participle of λύω.
6. Give the principal parts of φαίνω, στέλλω, and φέρω.
7. Inflect λείπω through the second aorist subjunctive, and ἔχω through the present imperative middle.
8. Compare ἐχθρός, μακρός, and ταχύς.
9. Explain the two kinds of augment.
10. Describe the alpha privative.

II. Xenophon.

1. Translate:

1. Ἔνθα δὴ οἱ μὲν βάρβαροι στραφέντες ἔφευγον ἢ ἕκαστος ἐδύνατο, οἱ δ' Ἕλληνες εἶχον τὸ ἄκρον. Οἱ δὲ ἀμφὶ Τισσαφέρνην καὶ Ἀριαῖον ἀποτραπόμενοι ἄλλην ὁδὸν ᾤχοντο· οἱ δὲ ἀμφὶ Χειρίσοφον, καταβάντες εἰς τὸ πεδίον, ἐστρατοπεδεύσαντο ἐν κώμῃ μεστῇ πολλῶν ἀγαθῶν. Ἦσαν δὲ καὶ ἄλλαι κῶμαι πολλαὶ πλήρεις πολλῶν ἀγαθῶν ἐν τούτῳ τῷ πεδίῳ παρὰ τὸν Τίγρητα ποταμόν. 2. Ἡνίκα δ' ἦν δείλη, ἐξαπίνης οἱ πολέμιοι ἐπιφαίνονται ἐν τῷ πεδίῳ καὶ τῶν Ἑλλήνων κατέκοψάν τινας τῶν ἐσκεδασμένων ἐν τῷ πεδίῳ καθ' ἁρπαγήν· καὶ γὰρ νομαὶ πολλαὶ βοσκημάτων διαβιβαζόμεναι εἰς τὸ πέραν τοῦ ποταμοῦ κατελήφθησαν.

2. Explain the cases ὁδόν and ἀγαθῶν.

3. State where στραφέντες, ἐδύνατο, εἶχον, ἐσκεδασμένων, and κατελήφθησαν are severally made, and give the verb that each comes from.

4. Comment upon the force of the tenses in ἔφευγον and ἐπιφαίνονται.

5. Explain the phrase οἱ δὲ ἀμφί.

6. Why does κατά take the form καθ' before ἁρπαγήν?

III. Homer.

1. Translate:

Ὣς φάσαν ἡ πληθύς· ἀνὰ δὲ πτολίπορθος Ὀδυσσεὺς
Ἔστη, σκῆπτρον ἔχων — παρὰ δέ, γλαυκῶπις Ἀθήνη,
Εἰδομένη κήρυκι, σιωπᾶν λαὸν ἀνώγει,
Ὡς ἅμα θ' οἱ πρῶτοί τε καὶ ὕστατοι υἷες Ἀχαιῶν
Μῦθον ἀκούσειαν, καὶ ἐπιφρασσαίατο βουλήν —
Ὅ σφιν ἐὺφρονέων ἀγορήσατο, καὶ μετέειπεν.

2. In what dialect did Homer write?
3. What peculiarities of form occur in the last two lines of this passage?
4. Mark the scansion of the first two lines.

IV. Prose Composition.

Translate into Greek, with accents:

1. Let us fly from those who pursue what is disgraceful.
2. We should bear what comes from the gods.
3. Virtue and truth are beautiful.

V. History and Geography.

1. Give the date of the battle of Thermopylae.
2. Who were the Thirty Tyrants?
3. What form of government did the Spartans possess?
4. Who was *Hesiod, Periander, Cimon, Solon, Pindar?*
5. Bound *Messenia.*
6. Where was *Thessaly, Magna Graecia, the Eurotas, Elis, Thebes, Mount Helicon?*

LATIN.

I. Caesar.

Translate:

Cum per eorum fines triduum iter fecisset, inveniebat ex captivis, Sabim flumen ab castris suis non amplius millia passuum decem abesse; trans id flumen omnes Nervios consedisse, adventumque ibi Romanorum exspectare, una cum Atrebatibus et Veromanduis, finitimis suis (nam his utrisque persuaserant, uti eandem belli fortunam experirentur); expectari etiam ab his Aduatucorum copias, atque esse in itinere.

Explain the cases *millia, passuum, Nervios, finitimis, utrisque.*

II. Virgil.

Translate:

Quis te, magne Cato, tacitum, aut te, Cosse, relinquat?
Quis Gracchi genus? aut geminos, duo fulmina belli,
Scipiadas, cladem Libyae? parvoque potentem
Fabricium? vel te sulco, Serrane, serentem?
Quo fessum rapitis, Fabii? Tu Maximus ille es,
Unus qui nobis cunctando restituis rem.
Excudent alii spirantia mollius aera,
Credo equidem; vivos ducent de marmore vultus;
Orabunt causas melius; caelique meatus
Describent radio, et surgentia sidera dicent.
Tu regere imperio populos, Romane, memento;
Hae tibi erunt artes, pacisque imponere morem,
Parcere subjectis, et debellare superbos.

Comment upon *magne Cato, Gracchi genus, geminos Scipiadas, Fabricium, Maximus ille.*

III. Cicero.

Translate:

Introducti autem Galli, jusjurandum sibi et literas a P. Lentulo, Cethego, Statilio, ad suam gentem datas esse dixerunt; atque ita sibi ab his et a L. Cassio esse praescriptum, ut equitatum in Italiam quamprimum mitterent; pedestres sibi copias non defuturas; Lentulum autem sibi confirmasse ex fatis Sibyllinis aruspicumque responsis, se esse tertium illum Cornelium, ad quem regnum hujus urbis atque imperium pervenire esset necesse; Cinnam ante se et Sullam fuisse; eundemque dixisse, fatalem hunc esse annum ad interitum hujus urbis atque imperii, qui esset decimus annus post virginum absolutionem, post Capitolii autem incensionem vicesimus.

How is the *oratio obliqua* governed? Explain the subjunctive *mitterent.* Who were *Lentulus* and *Cethegus?* Comment upon *fatis Sibyllinis, Cinnam, Sullam, virginum absolutionem, Capitolii incensionem.*

Translate:

Neque enim est hoc dissimulandum, quod obscurari non potest, sed prae nobis ferendum: trahimur omnes laudis studio; et optimus quisque maxime gloria ducitur. Ipsi illi philosophi, etiam illis libellis, quos de contemnenda gloria scribunt, nomen suum inscribunt; in eo ipso, in quo praedicationem nobilitatemque despiciunt, praedicari de se ac nominari volunt.

Give the principal parts of *ferendum, trahimur, ducitur, contemnenda, scribunt, despiciunt, volunt.*

IV. Ancient Geography. Give the Latin names of the countries bordering upon the Mediterranean; mention three islands in it; three rivers flowing into it. Where was *Aetna, Atlas, Parnassus, Lebanon?* Where was *Babylon, Corinthus, Tarraco, Lugdunum, Aquileia?*

V. Roman History. Name the different forms of government which existed at Rome, with the dates of their institution. Why were Decemvirs appointed? What were the occasions and results of the wars with *Pyrrhus, Hannibal, Antiochus, Jugurtha, Mithridates?* Who were the members of the two Triumvirates?

VI. Composition.

Translate into Latin:

The Romans could not learn Greek wisdom, but they imitated Greek manners; thus they lost what was best in themselves, and gained what was worst in their neighbors. Cato saw the danger, but could not persuade his countrymen.

VII. Etymology. Decline *civis, lapis, tenuis, amans;* compare *aeger, exterior;* give the synopsis of *do.*

MATHEMATICS.

ARITHMETIC.

1. Subtract thirty million twenty-six thousand and three from 45007021; find what number must be added to the difference to make one hundred million, and write the answer in words.
2. The sum of $\frac{2}{3}$ and $\frac{4}{15}$ is diminished by $\frac{1}{10}$; how many times does the difference contain $\frac{3}{11}$ of the sum of $\frac{1}{8}$, $\frac{1}{9}$, and $\frac{1}{10}$?
3. Divide 375 by .75, and .75 by 375, and find the sum and the difference of the quotients.
4. A loaded wagon weighs 2 tons 3 cwt. 2 qrs. 23 lbs.; the wagon itself weighs 18 cwt. 3 qrs.; the load consists of 215 packages, each of the same weight; find the weight of each, and reduce it to grammes and kilogrammes.
5. Define interest, and give and explain the rule for computing the interest on any sum of money for any time and at any rate per cent.
6. Extract the square root of 184.2 to three places of decimals.

ALGEBRA.

1. What is a negative quantity? Why is the product of two negative quantities positive?
2. Simplify $\left(\frac{1}{1+x}+\frac{1}{1-x}\right)\left(\frac{1+x^2}{1-x^2}\div\frac{1-x^2}{1+x^2}\right)$.
3. Given $\frac{x}{2}-12=\frac{y}{4}+8$ and $36-\frac{x+y}{5}-\frac{x}{3}=1-\frac{2y-x}{4}$. Find the values of x and y, performing the elimination in two different ways.
4. Find the greatest common divisor of $-3b^3+3ab^2-a^2b+a^3$ and $4b^2-5ab+a^2$. Explain the process.
5. Given $\frac{a-\sqrt{a^2-x^2}}{a+\sqrt{a^2-x^2}}=b$. Find the values of x.
6. Give and explain a rule for the solution of complete equations of the second degree.
7. Find two numbers such that their sum multiplied by the greater is 77, and their difference multiplied by the less is 12.

GEOMETRY.

1. What are the postulates of elementary geometry? Define a scalene triangle, a corollary, a sector and a segment of a circle, the several kinds of quadrilaterals. What is a polygon of ten sides called? a polygon of fifteen sides?
2. Prove that In an isosceles triangle the angles opposite the equal sides are equal. Give the corollaries.
3. Prove that The angle formed by a tangent and a chord is measured by half the intercepted arc.
4. Prove that A line drawn parallel to the base of a triangle divides the other two sides proportionally.

ENGLISH.

GRAMMAR.

I. 1. Correct, when necessary, the spelling of the following words: (1.) *hyerogliphic,* (2.) *drugett,* (3.) *tariff,* (4.) *blithsome,* (5.) *chancellor,* (6.) *sergant,* (7.) *vermilion,* (8.) *marvelously,* (9.) *career,* (10.) *the three Henrys,* (11.) *St. James',* (12.) *galloping.*

2. Write the possessive case, singular and plural, of the following: (1.) *I,* (2.) *leaf,* (3.) *beau,* (4.) *analysis.*

3. Explain the following terms: (1.) *imperfect tense,* (2.) *metre,* (3.) *impersonal,* (4.) *auxiliary.*

II. 1. What is the rule as to the number of the verb when the subject is a collective noun?

2. Name and define the different classes of pronouns.

3. Write a sentence in which the word *that* appears as three distinct parts of speech.

III. 1. Correct or defend the following sentences, giving in each case your reasons: (*a.*) *The violet smells sweet.* (*b.*) *This is the roundest ball.* (*c.*) *The Duke with his sons are here.* (*d.*) *If I was King, I would conciliate the people.* (*e.*) *The Senate had decreed a separate triumph to both of them.*

2. Write out the second person singular of the verb *to invite,* in all tenses of the indicative, and in the imperative mode.

3. What is the effect of prefixing the definite article to adjectives?

IV. 1. What measures are commonly used in English poetry?

2. Analyze the following passage, and parse the italicised words:

"And by yon *gate,*
That *bars* the *traveller's* road, she often stood,
And when a *stranger* horseman came, the *latch*
Would lift, and in his face *look wistfully.*"

MODERN GEOGRAPHY.

I. 1. Name the five oceans in the order of their size, beginning with the largest.

2. What is the most northern point of continental Europe? of Asia?

3. A vessel was spoken in Lat. 40° N., Lon. 55° W. State its direction from New York.

4. Where are the days and nights of equal length throughout the year?

5. How long is a day at the poles?

II. 1. Draw a map of your native State, locating the principal towns and rivers.

2. Give the boundaries of (*a.*) Egypt, (*b.*) Ohio, (*c.*) Chili, (*d.*) Portugal, (*e.*) Afghanistan.

3. What countries and islands in the Western Continent belong to nations in Europe?

III. 1. Name the five governments which control more than one-half the land surface of the globe.
2. From what countries do we import coffee? raw silk? linen?
3. What one kind of grain supports more than one-third of the human race?
4. Of what races and religions are the inhabitants of the Russian Empire? Those of the Kingdom of Great Britain?

IV. 1. Locate (*a.*) the following cities: Santiago, Rouen, Brusa, Ghent, Hanover; (*b.*) the following islands: Sitka, Ceylon, Graham Land, Nova Zembla; (*c.*) the following mountains: Kong, Atlas, Sierra Madre.
2. Name the chief Mediterranean ports of France.
3. Name the gulfs on the eastern coast of North America.
4. Name the cities of the world the population of which is over a million.

V. 1. Indicate the relative latitude of the following places, beginning with the one farthest from the equator: Newport, Washington, Sacramento City, Kelat, Tripoli, Toledo.
2. What would be a ship's shortest route from Pekin to the Cape Verde Islands?
3. Name the capital and the largest city of each of the provinces of Canada.
4. Describe the different ocean currents.

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